

TECHNICAL DATA

Features

- Test modes include: identifying and locating wires, validating cable/line connections and verifying telephone line continuity/line polarity
- Modular adapters provide direct connection to RJ45 and RJ11 wiring
- Alligator clip adapter allows for easy connection to non-terminated cables
- Adjustable sensitivity wheel improves wire identification and eliminates false detection
- Visual (flashing LEDs) and audible (pulsating beeper) indicators
- Integrated flashlight supports applications in low lit environments
- Built-in non-contact voltage detector
- Earphone jack for loud environments (earphones sold separately)
- Rechargeable batteries
- Low battery indicator and auto shut-off
- Includes micro-USB charging cable, RJ11 adapter cable, RJ45 adapter cable, RJ11 alligator clip adapter cable and carrying case

Specifications

Testing Modes

- RJ45 (Ethernet) Network Cable Tracing
- RJ11 (Telephone) Line Tracing
- Miscellaneous Line/Wire Tracing (using RJ11/Alligator Clip Adapter)
- RJ45 (Ethernet) Network Cable Validation
- RJ11 (Telephone) Line Validation
- Non-Contact Voltage Detector



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Transmitter

Port Flashing: Port flashing and wire tracking can be turned on at same time

Wire Tracking

Signal Frequency: 125kHz

Test Speed: Fast (2Hz) Slow (1Hz)

Network Wire: Shielded/Unshielded

Open-Short Circuit Test: Load <9kΩ: Short

Load >17kΩ: Open

Open Polarity Test: Test range: DC: +5V~+70V
or -70V~-5V

Input Protection: 60VDC

Receiver

Wire Tracking Sensitivity: RJ11 ≤9842' (3000m)

RJ45 ≤328' (100m)

Input Impedance: >100MΩ

General Specifications

Signal Mode: Modulation signal (125kHz)

Visual Indicator: Yes (LEDs)

Audible Indicator: Yes (Pulsating beeper)

Sensitivity Settings: Yes (Adjustable wheel)

Compatible Wire Type: RJ-11, RJ-45, Alligator clips for connection to non-terminated wire

Non-Contact

Voltage Detector: Yes (40 to 1000VAC)

Earphone Jack: Yes (3.5mm)

Built-in Flashlight: Yes

Auto Shut-off: Transmitter: Yes (after 60 mins)

Receiver: Yes (after 10 mins)

Power Supply: 1050mAh rechargeable

Li-ion battery

Charging Time: Approx. 2 hours (Micro-USB)

Low Battery Indicator: Yes

Battery Life: Transmitter: >8 hours

Receiver: >5 hours

Operating Temperature: 14 to 122°F (-10 to 50°C)

Operating Humidity Range: 20 to 75%

Operating Altitude: ≤6561' (2000m)

Product Certifications: CE, RoHS

Dimensions: Transmitter: 5.1 x 2 x 1.1"
(130 x 51 x 28mm)

Receiver: 7.8 x 1.9 x 1.3"

(197 x 48 x 34mm)

Weight: Transmitter: 3.4oz (95g)

Receiver: 4.5oz (127g)



Includes micro-USB charging cable,
RJ11 adapter cable, RJ45 adapter cable,
RJ11 alligator clip adapter cable and carrying case

Model	Description
R5320	Wire Tracer and Circuit Testing Kit